

Claims

1. An extrusion head for producing a plastic strand formed as a flexible or rigid tube, and for communicating with an outlet of an extruder, comprising:
 - a nozzle tool that includes a mandrel and a nozzle ring, which define an opening gap;
 - an actuating drive for controlling an opening width of the opening gap which is varied by an axial relative motion between the mandrel and the nozzle ring; and
 - a suspension element and an extrusion element, detachably connected to the suspension element, which extrusion element has connections and flow channels for a plastic composition to be extruded and is equipped with the nozzle tool, the actuating drive being disposed on the suspension element and detachably connectable to one of the mandrel and the nozzle ring.
2. The extrusion head of claim 1, wherein the actuating drive is connected to the mandrel via a control rod, and adjustment of the opening width of the opening gap of the nozzle tool is effected by means of an axial adjustment of the mandrel.
3. The extrusion head of claim 2, wherein a connection between the suspension element and the extrusion element and between the actuating drive and the control rod is a positive-engagement connection.
4. The extrusion head of claim 3, wherein the connection between the actuating drive and the control rod is effected via two control bars positively engaging one another.

5. The extrusion head of claim 4, wherein the extrusion element has a number of nozzle tools, and a number of control rods corresponding to the number of nozzle tools is mounted on the control bar located toward the extrusion element.

6. The extrusion head of claim 1, wherein faces of the mandrel and/or of the nozzle ring that define the opening gap are embodied as conical faces having a different conicity from one another.

7. The extrusion head of claim 1, wherein the extrusion element is equipped with at least one docking point for an outlet of an extruder.

8. An extrusion blow molding machine having, in combination, an extruder and the extrusion head of claim 1.

9. The extrusion blow molding machine of claim 8, wherein the suspension element is mounted in a housing part of the machine and is movable in three coordinate directions, and the extrusion element is pivotably connected to the extruder.

10. The extrusion blow molding machine of claim 9, wherein the extruder is pivotably supported.